

CLAIMS

What is claimed is:

- 1 1. A personal medical database device, comprising:
2 a connector for interfacing the database device with a reading/writing device;
3 and
4 at least one memory device contained within the database device, the memory
5 device holding personal medical information of a user of the database device, wherein
6 the memory device has a storage density of at least 200 kB/mm³.

1 2. The database device of claim 1, wherein the memory device is an ARS
2 device.

1 3. The database device of claim 1, wherein the memory device is an
2 MRAM device.

1 4. The database device of claim 1, further comprising a controller
2 contained within the database device that communicates with the reading/writing
3 device.

1 5. The database device of claim 1, wherein the database device is sized
2 and configured to be worn on the user's person.

1 6. The database device of claim 1, further comprising a water resistant
2 housing that encapsulates the memory device.

1 7. The database device of claim 1, wherein the database device is no
2 larger than approximately 1.75 x 1.5 x 0.125 inches in size.

1 8. The database device of claim 1, wherein the database device has a
2 storage capacity of at least 1 GB.

1 9. The database device of claim 1, wherein the database device has a
2 storage capacity of at least 5 GB.

1 10. A method for creating a personal medical database for a user,
2 comprising the steps of:
3 collecting medical information relevant to the user;
4 converting the medical information into electronic form; and
5 writing the medical information to a portable personal medical database device
6 having at least one memory device having a storage density of at least 200 kB/mm³.

1 11. The method of claim 10, wherein the memory device is an ARS device.

1 12. The method of claim 10, wherein the memory device is an MRAM
2 device.

1 13. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises entering the information into a
3 standardized database template.

1 14. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises electronically scanning the information.

1 15. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises transferring medical history information of
3 the user into electronic form.

1 16. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises transferring current medical information of
3 the user into electronic form.

1 17. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises transferring textual information relevant to
3 the user into electronic form.

1 18. The method of claim 10, wherein the step of transferring the medical
2 information into electronic form comprises transferring pictorial information relevant
3 to the user into electronic form.

1 19. A method for using a personal medical database device comprising at
2 least one memory device having a storage density of at least 200 kB/mm³, the device
3 holding personal medical information of a user, the method comprising the steps of:
4 carrying the personal medical database device;
5 presenting the personal medical database device to a medical/dental
6 practitioner prior to receiving medical/dental services;
7 permitting the practitioner to review at least a portion of the medical
8 information stored in the personal medical database device; and
9 receiving medical/dental services from the practitioner.

1 20. The method of claim 19, wherein the memory device is an ARS device.

1 21. The method of claim 19, wherein the memory device is an MRAM
2 device.

1 22. The method of claim 19, wherein the step of carry the personal medical
2 database device comprises wearing the device on the user's person.

1 23. The method of claim 19, wherein the step of permitting the practitioner
2 to review at least a portion of the medical information comprises the user entering a
3 password/passcode that facilitates access.

1 24. The method of claim 19, wherein the step of permitting the practitioner
2 to review at least a portion of the medical information comprises the practitioner
3 entering a password/passcode that facilitates access.

1 25. The method of claim 24, wherein the level of access attained by the
2 practitioner depends upon the password/passcode entered by the practitioner.

1 26. The method of claim 19, further comprising the step of storing new
2 medical/dental information relevant to the medical/dental services received in the
3 personal medical database device after the medical/dental services have been
4 rendered.